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|  | **Biology** |  |
| **Blood vessels**  **Worksheet-5-** |

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| Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Class: 8 / ……… |
| Book page:606-611 | **Date: /10 /2011** |

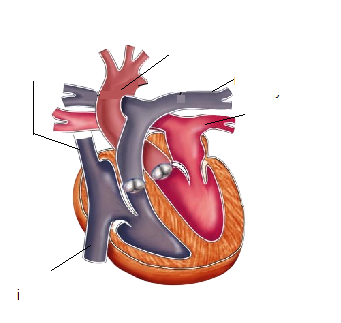
1. Complete the following table: put if true in the suitable case.



|  |  |  |  |
| --- | --- | --- | --- |
|  | Capillary | Artery | vein |
| blood vessel that carries blood away  from the heart. |  |  |  |
| have thick walls |  |  |  |
| have thin walls |  |  |  |
| Blood inside at higher pressure |  |  |  |
| carries blood towards the heart |  |  |  |
| Have very thin walls |  |  |  |

1. Complete the following figure: label the blood vessels related to the heart.

Aorta



Pulmonary veins

Pulmonary artery

inferior vena cava

Superior vena cava

1. Does the blood flow with the same force in arteries and in veins? If not explain why?

**No, in arteries the force of blood is greater because heart bumps blood with great pressure in arteries**.

1. Are Veins and arteries walls have the same thickness? If not explain why

**No, arteries are more thiker than veins to resist against the great presssure of blood inside arteries**.

1. Capillaries are highly branched with tiniest walls. Explain why?

**To allow substances moving easily across them.**

1. a- which is the major blood artery; and what is its function?

**Aorta. Carries blood from the heart to all body.**

b- What are the major blood veins; and what is the function of each of it?

**Superior vena cava and inferior vena cava. Carry blood from the body to the**

**heart.**